

Notice of Allowability**Application No.**

10/581,185

Applicant(s)

BAUMLER, PETER

Examiner

Vinod D. Patel

Art Unit

3742

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/10/11.
2. ☒ The allowed claim(s) is/are 16 and 18-20.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 3/16/09, 3/10/11
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date ____.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

/Vinod Patel/
Examiner, Art Unit 3742

/Geoffrey S. Evans/
Primary Examiner, Art Unit 3742

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David C. Purdue on 6/6/11.

The application has been amended as follows:

Claims 16-21 has been replaced with following claims.

Claim 16. A heatable glass pane having a base edge and a side edge, said heatable glass pane consisting essentially of

two contact bus bars for connection to voltage source poles of different polarity, and

a set of heating wires which are in electrical contact and in physical contact with said two contact bus bars,

wherein said heating wires have essentially the same lengths,

wherein said heating wires are laid without any points of overlap in relation to one another,

wherein said heating wires comprise an outermost heating wire which makes contacts with said contact bus bars at their outer ends, facing away from one another,

wherein said heating wires further comprise a plurality of inner heating wires,

wherein said inner heating wires are laid out so that they have at least one compensation loop, the compensation loop creates essentially same length of the heating wire, and

wherein said bus bars are located parallel to and adjacent to said base edge of the heatable glass pane and said bus bars are arranged essentially in a line in their axial directions, spaced apart a short distance from one another.

Cancel Claim 17.

Claim 18. The heatable glass pane claimed in claim 16 wherein said heating wires are laid so that they have a common, main macroscopic laying direction, wherein said at least one compensation loop is produced by at least two changes in direction of the laying direction, and wherein said heating wires, after each change in direction, extend essentially in the opposite direction and parallel to the laying direction before the change in direction.

Claim 19. The heatable glass pane claimed in claim 18, wherein said heating wires have straight laid sections between the changes in direction, and wherein said straight laid sections are essentially parallel to said side edge of said glass pane adjacent to said base edge of said glass pane.

Claim 20. A heatable glass pane having a base edge and consisting essentially of two contact bus bars for connection to voltage source poles of different polarity and

a set of heating wires which are in electrical contact and in physical contact with said two contact bus bars, wherein said heating wires have essentially the same lengths,

wherein said heating wires comprise an outermost heating wire which makes contacts with said contact bus bars at their outer ends, facing away from one another,

wherein said heating wires further comprise a plurality of inner heating wires, and wherein said inner heating wires are laid out so that they have at least one compensation loop, the compensation loop creates essentially same length of the heating wire, and

wherein said bus bars are arranged essentially in a line in their axial directions, spaced apart a short distance from one another, and

wherein said heating wires are laid without any points of overlap in relation to one another.

Cancel Claim 21.

Allowable Subject Matter

2. Claims 16 and 18-20 are allowed.

The following is an examiner's statement of reasons for allowance:

The prior art of record does not teach to one of ordinary skill in the art, in combination with the other limitations of the independent claims 16 and 20, a heatable glass pane consisting essentially of heating wires having essentially same length, the heating wires laid out so that they have at least one compensation loop, the compensation loop creates essentially same length of the heating wire and the bus bars

are located parallel to an adjacent to the base edge of the heatable pane and in a line in their axial directions spaced a part a short distance from one another.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. DE 2906071 U1 discloses a heatable glass pane (1, 10, Figures 1, 2) having two contact bus bars (5, 6, 15, 16) located parallel to and adjacent to said base edge of the heatable glass pane and said bus bars are arranged essentially in a line in their axial directions, spaced apart a short distance from one another as shown in Figures 1-2.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vinod D. Patel whose telephone number is (571)272-4785. The examiner can normally be reached on 7.15 A.M. TO 3.45 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tu B. Hoang can be reached on 571-272-4780. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Vinod D. Patel/

Examiner, Art Unit 3742

/Geoffrey S Evans/

Primary Examiner, Art Unit 3742